

(FILE 'HOME' ENTERED AT 13:50:12 ON 27 AUG 2003)

FILE 'REGISTRY' ENTERED AT 13:50:40 ON 27 AUG 2003

L1 1 S SILTHIOFAM/CN

FILE 'CAPLUS, USPATFULL' ENTERED AT 13:51:59 ON 27 AUG 2003

L2 38 S L1

L3 49053 S DIAZOLE OR TRIAZOLE OR STROBILU?

L4 9 S L2 AND L3

L5 1135068 S PLANT OR CROP

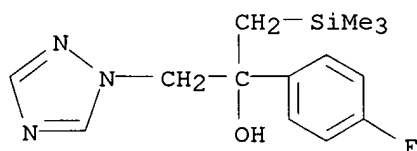
L6 708477 S SEED OR LEAF OR FOLIAGE

L7 312190 S CORN OR MAIZE OR SOY? BEAN OR SOYBEAN OR SOYABEAN

L8 5 S L4 AND L5 AND L6 AND L7

L9 4 S L4 NOT L8

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 149508-90-7 REGISTRY  
 CN 1H-1,2,4-Triazole-1-ethanol, .alpha.-(4-fluorophenyl)-.alpha.-  
 [(trimethylsilyl)methyl]- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN F 155  
 CN F 155 (pesticide)  
 CN **Simeconazole**  
 FS 3D CONCORD  
 MF C14 H20 F N3 O Si  
 CI COM  
 SR CA  
 LC STN Files: BIOSIS, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

20 REFERENCES IN FILE CA (1937 TO DATE)  
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 20 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:1408 CAPLUS

DOCUMENT NUMBER: 134:127188

TITLE: Simeconazole (F-155), a novel systemic fungicide with broad-spectrum activity for seed treatment

AUTHOR(S): Tsuda, M.; Itoh, H.; Wakabayashi, K.; Ohkouchi, T.; Kato, S.; Masuda, K.; Sasaki, M.

CORPORATE SOURCE: Agrosience Research Laboratories, Sankyo Co., Ltd., Shiga, 520-2353, Japan

SOURCE: BCPC Conference--Pests & Diseases (2000), (Vol. 2), 557-562

CODEN: BCDCAE

PUBLISHER: British Crop Protection Council

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Simeconazole, 2-(4-fluorophenyl)-1-(1H-1,2,4-triazol-1-yl)-3-trimethylsilylpropan-2-ol, is a novel triazole fungicide with prominent systemic effects and good crop safety. It shows broad and strong antifungal activity against plant pathogens, esp. those of the Basidiomycetes. Seed treatment with simeconazole achieves excellent efficacies against wheat loose smut (*Ustilago nuda*) at doses of 4-10 g a.i./100 kg seed. At high doses of 50-100 g a.i./100 kg seed, the controlled-release formation of simeconazole is also effective against soil and airborne diseases such as sharp eyespot (*Rhizoctonia cerealis*), eyespot (*Pseudocercospora herpotrichoides*), and powdery mildew (*Blumeria graminis*). Simeconazole increases wheat yield by approx. 10% over untreated control crops.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

IT 149508-90-7, Simeconazole

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(novel systemic fungicide with broad-spectrum activity for seed treatment)

Alton Pryor - 308-4691

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L34 ANSWER 1 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2002:321745 BIOSIS  
 DN PREV200200321745  
 TI Conference Proceedings BCPC Conference Pests Diseases

AU British Crop Protection Council  
 SO British Crop Protection Council. Conference Proceedings BCPC Conference Pests & Diseases, (2000) Vol. 1-3, pp. i-xxxii, 1-1296. Conference Proceedings BCPC Conference Pests Diseases. print.  
 Publisher: British Crop Protection Council 49 Downing Street, Farnham, Surrey, GU9 7PH, UK.  
 Meeting Info.: The 2000 BCPC Conference: Pests & Diseases Brighton, England, UK November 13-16, 2000  
 ISBN: 1-901396-57-6 (set), 1-901396-58-4 (paper), 1-901396-59-2 (paper), 1-901396-60-6 (paper).

DT Book; Conference  
 LA English  
 CC General Biology - Symposia, Transactions and Proceedings of Conferences, Congresses, Review Annuals \*00520  
 Agronomy - General, Miscellaneous and Mixed Crops \*52502  
 Pest Control, General; Pesticides; Herbicides \*54600  
 Economic Entomology - Chemical and Physical Control, General; Apparatus \*60016  
 Invertebrata, Comparative and Experimental Morphology, Physiology and Pathology - General \*64001  
 Invertebrata, Comparative and Experimental Morphology, Physiology and Pathology - Insecta - Physiology \*64076

BC Plantae - Unspecified 11000  
 Animalia - Unspecified 33000  
 Invertebrata - Unspecified 34000  
 Insecta - Unspecified 75300

IT Major Concepts  
 Agrichemicals; Agriculture; Pest Assessment Control and Management  
 IT Chemicals & Biochemicals  
 insecticide; pesticide  
 IT Miscellaneous Descriptors  
 crop protection

ORGN Super Taxa  
 Animalia; Insecta: Arthropoda, Invertebrata, Animalia; Invertebrata: Animalia; Plantae

ORGN Organism Name  
 animal (Animalia): pest; insect (Insecta): pest; invertebrate (Invertebrata): pest; plant (Plantae): crop, host

ORGN Organism Superterms  
 Animals; Arthropods; Insects; Invertebrates; Plants